

**US Environmental Protection Agency
Science Advisory Board
Clean Air Scientific Advisory Committee
Technical Subcommittee on Fine Particle Monitoring**

US Environmental Protection Agency, Environmental Research Center, Classroom #2,
Route 54 and Alexander Drive, Research Triangle Park, NC

January 22, 2001 - Meeting Agenda (Draft 1/17/2001)

Monday, January 22

8:30 am	Introduction and Purpose Administration	Phil Hopke, Chair Robert Flaak, DFO
8:40	National Ambient Air Quality Standards (NAAQS) Timelines and related events	John Bachmann, OAQPS
8:50	Update on PM Network Status	Lee Byrd, OAQPS
9:00	Revisiting Method Equivalency and Accommodating Continuous Methods	Tim Hanley, OAQPS

9:30 **Poster Session** [and Break] [Presenter underlined]

Method for Field Calibrating PM_{2.5} - Robert A. Fletcher, National Institute for
Standards and Technology (NIST), Gaithersburg, MD

Comparison of continuous mass monitors during the TexAQs200 Intensive. Philip
Hopke and Alexander Polissar, Clarkson University and William Wilson, U.S.
Environmental Protection Agency

*Definition and Indicator of Fine Particulate Matter Mass Influences the Statistical
Significance of the Relationship between Fine Particulate Matter Mass and
Cardiovascular Mortality*, William Wilson, National Center for Environmental
Assessment, U.S. Environmental Protection Agency, Therese Mar, University of
Washington, and Scott Kegler, National Center for Environmental Assessment

10:20 **Technical Presentations** [Time allocated noted after each presentation]

Invited Presentations (60 minutes):

State Agency Perspectives - Lee Alter, NESCAUM (30 min)

Statistical relations between continuous and gravimetric techniques - Shelly Eberly,
OAQPS (15 min)

Continuous PM coarse methodology - Constantinos Sioutas, USC (15 min)

Public Presentations (70 minutes):

Ongoing development work and techniques for continuous ambient particulate measurement in regard to 40CFR Part 53 criteria for equivalency for PM_{10} and $PM_{2.5}$ - Tom Merrifield, BGI Inc., Waltham, MA (15 min)

Particulate matter measurement issues - Michael Meyer, Rupprecht and Patashnick Co., Inc Albany NY (15 min)

The following four presentations were coordinated by Thermo Anderson

The FH62-C14 monitor is a continuous ambient mass monitor, additional measurement of radioactive alpha-aerosol concentrations simultaneously - Herbert Schlösser, Thermo Particle Instruments, Atlanta, GA (10 min)

Evaluation of a continuous ambient $PM_{2.5}$ mass and surface monitor (CAMM) - George Allen, Harvard School of Public Health, Boston, MA (10 min)

The MIE DataRAM 4 real-time particulate matter monitor - Pedro LiLienfeld, Thermo-MIE Corp. (10 min)

Continuous speciation monitor for particles and gases in ambient air - Wes Davis, Andersen Instruments Inc., Smyrna, GA (10 min)

12:30 pm	Lunch	
1:30	Panel Discussion (To include invited Presenters and Agency Staff)	Subcommittee
3:30	Break	
3:45	Summary and Next Steps	Phil Hopke
4:15	Adjourn (Time Approximate)	